

Title (en)
Alkali-free aluminoborosilicate glasses and their applications

Title (de)
Alkalifreie Aluminoborosilicatgläser und deren Verwendungen

Title (fr)
Verres aluminoborosilicates dépourvus d'alcalins et leurs utilisations

Publication
EP 1078893 A3 20020123 (DE)

Application
EP 00115962 A 20000726

Priority
DE 19939789 A 19990821

Abstract (en)
[origin: US6417124B1] The invention relates a alkali-free aluminoborosilicate glasses having the following composition (in % by weight, based on oxide): SiO₂ 50-70, B₂O₃ 0.5-15, Al₂O₃ 10-25, MgO 0-10, CaO 0-12, SrO 0-12, BaO 0-15, with MgO+CaO+SrO+BaO 8-26, ZnO 0-10, ZrO₂ 0-5, TiO₂ 0-5, SnO₂ 0-2, MoO₃ 0.05-2. The glasses are particularly suitable as substract glasses for display and photovoltaic applications.

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C03C 3/091; **C03C 3/093**

IPC 8 full level
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C03C 3/091 (2013.01 - EP KR US); **C03C 3/093** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0509792 A2 19921021 - COOKSON GROUP PLC [GB]
- [DA] WO 9827019 A1 19980625 - CORNING INC [US]
- [DA] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)
- [DA] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10 31 October 1997 (1997-10-31)

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